

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10691447

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

|                                  |                          |              |
|----------------------------------|--------------------------|--------------|
| TOTAL CLAIMS                     | 156                      |              |
| FOR                              | NUMBER FILED             | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS          | 156 minus 20=            | * 136        |
| INDEPENDENT CLAIMS               | 16 minus 3 =             | * 13         |
| MULTIPLE DEPENDENT CLAIM PRESENT | <input type="checkbox"/> |              |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A                                    | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total  | *                                | Minus | **                                 | =             |
| Independent                                    | *                                | Minus | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |       |                                    |               |

1,22,43,64,78,90,

SMALL ENTITY  
TYPE

|           |        |
|-----------|--------|
| RATE      | Fee    |
| BASIC FEE | 385.00 |
| X\$ 9=    | 1224   |
| X43=      | 559    |
| +145=     |        |
| TOTAL     | 2168   |

OTHER THAN  
OR SMALL ENTITY

|           |        |
|-----------|--------|
| RATE      | Fee    |
| BASIC FEE | 770.00 |
| X\$18=    |        |
| X86=      |        |
| +290=     |        |
| TOTAL     |        |

SMALL ENTITY OR

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$ 9=           |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

OTHER THAN  
OR SMALL ENTITY

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$18=           |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

| AMENDMENT B                                    | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total  | *                                | Minus | **                                 | =             |
| Independent                                    | *                                | Minus | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |       |                                    |               |

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$ 9=           |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$18=           |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

| AMENDMENT C                                    | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total  | *                                | Minus | **                                 | =             |
| Independent                                    | *                                | Minus | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/>         |       |                                    |               |

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$ 9=           |                |
| X43=             |                |
| +145=            |                |
| TOTAL ADDIT. FEE |                |

|                  |                |
|------------------|----------------|
| RATE             | ADDITIONAL FEE |
| X\$18=           |                |
| X86=             |                |
| +290=            |                |
| TOTAL ADDIT. FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.